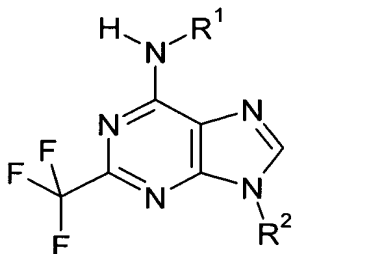


The following listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended): A compound of Formula I:



wherein,

R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, or combinations thereof, and wherein a -CH<sub>2</sub>- group can be optionally replaced by -O-, -S-, or -NH-,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms; and

R<sup>2</sup> is alkyl having 1 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano or combinations thereof, wherein one or more -CH<sub>2</sub>- groups is each independently optionally replaced by -O-, -S-, or -NH-, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

alkoxyalkyl ~~alkyl-ether~~ having 3 to 12 carbon atoms,

cycloalkyl having 3 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano or combinations thereof,

cycloalkylalkyl having 4 to 12 carbon atoms, which is unsubstituted or substituted one or more times by C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano, halogen, or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, ~~C(O)-NHOH hydroxamic acid~~, ~~C(O)-NH<sub>2</sub> carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof,

arylalkyl having 7 to 16 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, ~~C(O)-NHOH hydroxamic acid~~, ~~C(O)-NH<sub>2</sub> carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof,

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, ~~C(O)-NHOH hydroxamic acid~~, ~~C(O)-NH<sub>2</sub> carboxamide~~, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or

combinations thereof,

heteroarylalkyl wherein the heteroaryl portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, the heteroaryl portion is unsubstituted or is substituted one or more times in by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heterocycle having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof ;

heterocycle-alkyl wherein the heterocycle portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, the heterocycle portion is nonaromatic and is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof, or

carbocycle which is a nonaromatic, monocyclic or bicyclic, group having 5 to 14 carbon atoms, which is unsubstituted or is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-

alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof; and

pharmaceutically acceptable salts thereof,

with the provisos that:

- (a) when R<sup>1</sup> is substituted or unsubstituted alkyl, then R<sup>2</sup> is not substituted or unsubstituted arylalkyl, heteroarylalkyl, 2-(1,2,3,4-tetrahydro)quinolinyl-methyl, or alkyl;
- (b) when R<sup>1</sup> is cyclopropyl, R<sup>2</sup> is not benzyl, methylbenzyl, ethylbenzyl, methylphenethyl, cyclopropylmethyl, or cyclopropylethyl;
- (c) when R<sup>1</sup> is H, then R<sup>2</sup> is not alkyl, benzyl, methylbenzyl, phenethyl, or substituted tetrahydrofuranyl; and
- (d) when R<sup>1</sup> is methoxyethyl, ethoxyethyl, or methoxypropyl, then R<sup>2</sup> is not benzyl, 3-dimethylaminobenzyl, or 3-thienylmethyl.

- 2. (Cancelled):
- 3. (Original): A compound according to claim 1, wherein R<sup>1</sup> is alkyl.
- 4. (Original): A compound according to claim 1, wherein R<sup>1</sup> is cycloalkyl.
- 5. (Original): A compound according to claim 1, wherein R<sup>1</sup> is cycloalkylalkyl.
- 6. (Original): A compound according to claim 1, wherein R<sup>2</sup> is alkyl.
- 7. (Currently Amended): A compound according to claim 1, wherein R<sup>2</sup> is alkoxyalkyl ~~alkyl ether~~.
- 8. (Original): A compound according to claim 1, wherein R<sup>2</sup> is cycloalkyl.

9. (Original): A compound according to claim 1, wherein  $R^2$  is aryl.
10. (Original): A compound according to claim 1, wherein  $R^2$  is arylalkyl.
11. (Original): A compound according to claim 1, wherein  $R^2$  is heteroaryl.
12. (Original): A compound according to claim 1, wherein  $R^2$  is heteroarylalkyl.
13. (Previously Presented): A compound according to claim 1, wherein  $R^2$  is heterocycle.
14. (Previously Presented): A compound according to claim 1, wherein  $R^2$  is heterocycle-alkyl.
15. (Previously Presented): A compound according to claim 1, wherein  $R^2$  is carbocycle.
16. (Original): A compound according to claim 1, wherein  $R^1$  is alkyl, substituted alkyl, cycloalkyl or cycloalkylalkyl.
17. (Previously Presented): A compound according to claim 6, wherein  $R^1$  is cycloalkyl or cycloalkylalkyl.
18. (Original): A compound according to claim 7, wherein  $R^1$  is alkyl, cycloalkyl or cycloalkylalkyl.
19. (Original): A compound according to claim 8, wherein  $R^1$  is alkyl, cycloalkyl or cycloalkylalkyl.
20. (Original): A compound according to claim 9, wherein  $R^1$  is alkyl,

cycloalkyl or cycloalkylalkyl.

21. (Previously Presented): A compound according to claim 10, wherein R<sup>1</sup> is cycloalkyl or cycloalkylalkyl.

22. (Original): A compound according to claim 11, wherein R<sup>1</sup> is alkyl, cycloalkyl or cycloalkylalkyl.

23. (Previously Presented): A compound according to claim 12, wherein R<sup>1</sup> is cycloalkyl or cycloalkylalkyl.

24. (Original): A compound according to claim 13, wherein R<sup>1</sup> is alkyl, cycloalkyl or cycloalkylalkyl.

25. (Original): A compound according to claim 14, wherein R<sup>1</sup> is alkyl, cycloalkyl or cycloalkylalkyl.

26. (Original): A compound according to claim 15, wherein R<sup>1</sup> is alkyl, cycloalkyl or cycloalkylalkyl.

27. (Original): A compound according to claim 1, wherein R<sup>1</sup> is methyl, ethyl, isopropyl, 2-hydroxyethyl, cyclopropyl, cyclopentyl, or cyclopropylmethyl.

28. (Original): A compound according to claim 1, wherein R<sup>1</sup> is methyl, ethyl, cyclopropyl, cyclobutyl, cyclopentyl or cyclohexyl.

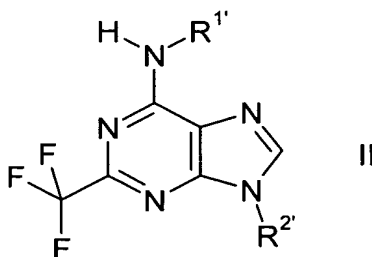
29. (Original): A compound according to claim 1, wherein R<sup>1</sup> is methyl, ethyl or cyclopropyl.

30. (Currently Amended): A compound according to claim 1, wherein R<sup>2</sup> is alkyl, arylalkyl, cycloalkyl, aryl, heteroaryl, heteroarylalkyl, or alkoxyalkyl ~~alkyl-ether~~.

31. (Original): A compound according to claim 1, wherein R<sup>2</sup> is ethyl, isopropyl, butyl, tert-butyl, cyclopentyl, cyclohexyl, cycloheptyl, or arylalkyl which is unsubstituted or substituted one or more times by F, Cl, CN, CF<sub>3</sub>, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, isopropyl, OCH<sub>3</sub>, methylenedioxy, ethylenedioxy or combinations thereof.

32. (Original): A compound according to claim 1, wherein R<sup>2</sup> is substituted or unsubstituted benzyl, phenethyl or phenpropyl.

33. (Currently Amended): A compound of formula II



wherein

R<sup>1'</sup> is methyl, ethyl, or cyclopropyl; and

R<sup>2'</sup> is cycloalkyl having 3 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, ~~-C(O)-NHOH hydroxamic acid, -C(O)-NH<sub>2</sub> carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy,

or combinations thereof,

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

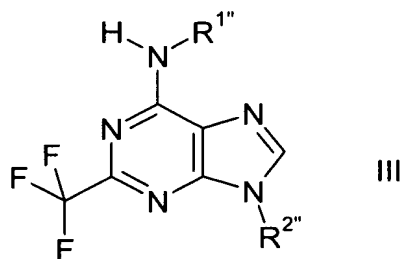
heterocycle having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof, or

carbocycle which is a nonaromatic, monocyclic or bicyclic, group having 5 to 14 carbon atoms, which is unsubstituted or is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof; and

pharmaceutically acceptable salts thereof.

34. (Previously Presented): A compound of Formula III:





wherein

R<sup>1''</sup> is methyl, ethyl, or cyclopropyl; and

R<sup>2''</sup> is phenyl,

phenyl which is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, substituted heteroaryl having 5 to 10 ring atoms, in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino or combinations thereof,

or when R<sup>1</sup> is methyl or cyclopropyl R<sup>2</sup> can also be cycloalkyl having 3 to 12 carbon atoms; and

pharmaceutically acceptable salts thereof.

35. (Previously Presented): A compound selected from:

6-Cyclopropylamino-9-(2-fluorobenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(4-fluorobenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(2, 6-difluorobenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(2, 3-difluorobenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-propyl-2-trifluoromethylpurine  
6-Cyclopropylamino-9-cyclopentyl-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3, 4-dimethoxybenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3,4-methylenedioxybenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-thiophenemethyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(2-methylphenethyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-cycloheptyl-2-trifluoromethylpurine  
6-Methylamino-9-cyclopentyl-2-trifluoromethylpurine  
6-Cyclopropylamino-9-cyclohexyl-2-trifluoromethylpurine  
6-Methylamino-9-cycloheptyl-2-trifluoromethylpurine  
6-Cyclopropylamino-9-cyclopentylmethyl-2-trifluoromethylpurine  
6-Cyclopropylamino-9-phenyl-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(2-fluorophenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-cyclobutyl-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(2-norboranane)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(1-indanyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(4-fluorophenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(4-chlorophenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-thienyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-cyclopentyloxy-4-methoxybenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3, 4-dimethoxyphenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(2, 6-dichloro-4-pyridylmethyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(4-methoxybenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-methoxyphenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(4-methoxyphenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-nitrophenyl)-2-trifluoromethylpurine

6-Cyclopropylamino-9-(2-methoxyphenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-cyanophenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(2, 4-dimethoxyphenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-nitrobenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(6-methoxy-3-pyridyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(4-pyridyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-pyridyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(4-dimethylaminophenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-aminophenyl)-2-trifluoromethylpurine  
6-Methylamino-9-(2, 4-dimethoxy-5-pyrimidyl)-2-trifluoromethylpurine  
6-Methylamino-9-(2-methoxyphenyl)-2-trifluoromethylpurine  
6-Methylamino-9-(4-methoxyphenyl)-2-trifluoromethylpurine  
6-Methylamino-9-(3-acetylphenyl)-2-trifluoromethylpurine  
6-Methylamino-9-(3-methoxyphenyl)-2-trifluoromethylpurine  
6-Methylamino-9-(3-nitrophenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-furanyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(4-ethoxyphenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(2-ethoxyphenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3, 4-methylenedioxyphenyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3-ethoxyphenyl)-2-trifluoromethylpurine  
6-Methylamino-9-(3,4-dimethoxyphenyl)-2-trifluoromethylpurine; and

pharmaceutically acceptable salts thereof.

36. (Previously Presented): A compound according to claim 35, wherein said compound is selected from:

6-Cyclopropylamino-9-(2,3-difluorobenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-cyclopentyl-2-trifluoromethylpurine  
6-Cyclopropylamino-9-(3,4-dimethoxybenzyl)-2-trifluoromethylpurine  
6-Cyclopropylamino-9-cycloheptyl-2-trifluoromethylpurine  
6-Methylamino-9-cyclopentyl-2-trifluoromethylpurine

6-Cyclopropylamino-9-cyclohexyl-2-trifluoromethylpurine  
 6-Methylamino-9-cycloheptyl-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-phenyl-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(2-fluorophenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-cyclobutyl-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(2-norboranane)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(4-fluorophenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(4-chlorophenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(3-thienyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(3, 4-dimethoxyphenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(2, 6-dichloro-4-pyridylmethyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(4-methoxybenzyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(3-methoxyphenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(4-methoxyphenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(3-nitrophenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(2-methoxyphenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(3-cyanophenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(3-nitrobenzyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(4-pyridyl)-2-trifluoromethylpurine  
 6-Methylamino-9-(2, 4-dimethoxy-5-pyrimidyl)-2-trifluoromethylpurine  
 6-Methylamino-9-(4-methoxyphenyl)-2-trifluoromethylpurine  
 6-Methylamino-9-(3-acetylphenyl)-2-trifluoromethylpurine  
 6-Methylamino-9-(3-methoxyphenyl)-2-trifluoromethylpurine  
 6-Methylamino-9-(3-nitrophenyl)-2-trifluoromethylpurine  
 6-Cyclopropylamino-9-(3-ethoxyphenyl)-2-trifluoromethylpurine  
 6-Methylamino-9-(3,4-dimethoxyphenyl)-2-trifluoromethylpurine; and

pharmaceutically acceptable salts thereof.

37. (Cancelled):

38. (Cancelled):

39. (Cancelled):

40. (Cancelled):

41. (Cancelled):

42. (Cancelled):

43. (Cancelled):

44. (Cancelled):

45. (Cancelled):

46. (Cancelled):

47. (Cancelled):

48. (Cancelled):

49. (Cancelled):

50. (Cancelled):

51. (Cancelled):

52. (Cancelled):

53. (Cancelled):

54. (Cancelled):

55. (Cancelled):

56. (Cancelled):

57. (Cancelled):

58. (Cancelled):

59. (Cancelled):

60. (Previously Presented): A pharmaceutical composition comprising a compound according to claim 1 and a pharmaceutically acceptable carrier.

61. (Previously Presented): A composition according to claim 60, wherein said composition contains 0.1-50 mg of said compound.

62. (Cancelled):

63. (Cancelled):

64. (Cancelled):

65. (Cancelled):

66. (Cancelled):

67. (Cancelled):

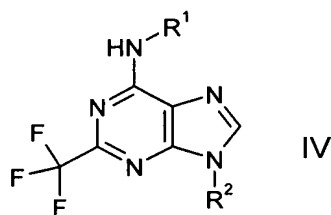
68. (Cancelled):

69. (Cancelled):

70. (Cancelled):

71. (Currently Amended): A process for preparing compounds of the formula

IV



wherein

R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, or combinations thereof, and wherein a -CH<sub>2</sub>- group can be optionally replaced by -O-, -S-, or -NH-,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms; and

R<sup>2</sup> is aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, ~~-C(O)-NHOH hydroxamic acid~~, ~~-C(O)-NH<sub>2</sub> carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy,

or combinations thereof,

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

said process comprising:

reacting 6-N-R<sup>1</sup>-2-CF<sub>3</sub>-substituted ~~6-N-R<sup>1</sup>-9-CF<sub>3</sub>-substituted~~ adenine with an arylboronic acid or heteroarylboronic acid in the presence of trialkylamine wherein the alkyl portions each have 1 to 5 carbon atoms as a base, a copper catalyst, and a polar aprotic solvent, at a temperature of at least 50°C.

72. (Previously Presented): A compound according to claim 1, wherein R<sup>2</sup> is cycloalkylalkyl.

73. (Previously Presented): A compound according to claim 72 wherein R<sup>1</sup> is alkyl, cycloalkyl or cycloalkylalkyl.

74. (Previously Presented): A compound according to claim 1, wherein said compound is 6-cyclopropylamino-9-(2-methoxyphenyl)-2-trifluoromethylpurine, or a pharmaceutically acceptable salt thereof.

75. (Cancelled):

76. (Cancelled):

77. (Previously Presented): A compound according to claim 1, wherein said



compound is 6-cyclopropylamino-9-(2-fluorobenzyl)-2-trifluoromethylpurine, or a pharmaceutically acceptable salt thereof

78. (Cancelled):

79. (Cancelled):

80. (Previously Presented): A compound according to claim 1, wherein  $R^1$  is alkyl or cycloalkyl and  $R^2$  is phenyl or heteroaryl, in each case substituted or unsubstituted.

81. (Cancelled):

82. (Cancelled):

83. (Cancelled):

84. (Cancelled):

85. (Cancelled):

86. (Cancelled):

87. (Cancelled):

88. (Cancelled):

89. (Cancelled):

90. (Cancelled):

91. (Cancelled):

92. (Cancelled):

93. (Cancelled):

94. (Previously Presented): A compound according to claim 1, wherein  
R<sup>2</sup> is alkyl having 1 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano or combinations thereof, wherein one or more -CH<sub>2</sub>- groups is each independently optionally replaced by -O-, -S-, or -NH-, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

alkoxyalkyl having 3 to 12 carbon atoms,

cycloalkyl having 3 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano or combinations thereof,

cycloalkylalkyl having 4 to 12 carbon atoms, which is unsubstituted or substituted one or more times by C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano, halogen, or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, C<sub>2-4</sub>-alkanoyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof,

arylalkyl having 7 to 16 carbon atoms, which is unsubstituted or substituted one

or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, C<sub>2-4</sub>-alkanoyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof,

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heteroarylalkyl wherein the heteroaryl portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, the heteroaryl portion is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heterocycle having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof ;

heterocycle-alkyl wherein the heterocycle portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, the heterocycle portion is nonaromatic and is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-

alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof, or

carbocycle which is a nonaromatic, monocyclic or bicyclic, group having 5 to 14 carbon atoms, which is unsubstituted or is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, C<sub>2-4</sub>-alkanoyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof.

95. (Previously Presented): A compound according to claim 33, wherein

R<sup>2'</sup> is cycloalkyl having 3 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, C<sub>2-4</sub>-alkanoyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof,

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heterocycle having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof, or

carbocycle which is a nonaromatic, monocyclic or bicyclic, group having 5 to 14 carbon atoms, which is unsubstituted or is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, C<sub>2-4</sub>-alkanoyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof.

96. (Previously Presented): A compound according to claim 34, wherein

R<sup>2''</sup> is phenyl,

phenyl which is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, C<sub>2-4</sub>-alkanoyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof, or

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, substituted heteroaryl having 5 to 10 ring atoms, in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub>-alkyl, C<sub>1-4</sub>-alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino or combinations thereof.

97. (Previously Presented): A compound according to claim 1, wherein
- R<sup>1</sup> is cyclopropyl; and
- R<sup>2</sup> is alkyl having 1 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano or combinations thereof, wherein one or more -CH<sub>2</sub>- groups is each independently optionally replaced by -O-, -S-, or -NH-, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,
- cycloalkyl having 3 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano or combinations thereof,
- cycloalkylalkyl having 4 to 12 carbon atoms, which is unsubstituted or substituted one or more times by C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano, halogen, or combinations thereof,
- aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, or combinations thereof,
- arylalkyl having 7 to 16 carbon atoms, which is unsubstituted or substituted one or more times by halogen, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, or combinations thereof,
- heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, C<sub>1-4</sub>-

alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heteroarylalkyl wherein the heteroaryl portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, the heteroaryl portion is unsubstituted or is substituted one or more times ~~in~~ by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heterocycle having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof ;

heterocycle-alkyl wherein the heterocycle portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, the heterocycle portion is nonaromatic and is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof, or

carbocycle which is a nonaromatic, monocyclic or bicyclic, group having 5 to 14 carbon atoms, which is unsubstituted or is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, C<sub>2-4</sub>-alkanoyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof.

98. (Cancelled):

99. (Previously Presented): A compound according to claim 34, wherein  
R<sup>2''</sup> is phenyl, or

phenyl which is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof.

100. (Previously Presented): A compound according to claim 1, wherein  
when R<sup>1</sup> is methyl, R<sup>2</sup> is not arylalkyl, heteroarylalkyl, heterocycle-alkyl or C<sub>1-5</sub>-alkyl;  
when R<sup>1</sup> is ethyl, R<sup>2</sup> is not arylalkyl, heteroarylalkyl, or C<sub>1-3</sub>-alkyl;  
when R<sup>1</sup> is cyclopropyl, R<sup>2</sup> is not cycloalkylalkyl; and  
when R<sup>1</sup> is a butyl group, R<sup>2</sup> is not arylalkyl or C<sub>1-5</sub>-alkyl.

101. (Currently Amended): A compound according to claim 1, wherein  
R<sup>2</sup> is alkyl having 1 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano or combinations thereof, wherein one or more -CH<sub>2</sub>- groups is each independently optionally replaced by -O-, -S-, or -NH-, and wherein optionally one or more -CH<sub>2</sub>CH<sub>2</sub>- groups is replaced in each case by -CH=CH- or -C≡C-,

alkoxyalkyl ~~alkyl-ether~~ having 3 to 12 carbon atoms,



cycloalkyl having 3 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano or combinations thereof,

cycloalkylalkyl having 4 to 12 carbon atoms, which is unsubstituted or substituted one or more times by C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, C<sub>1-4</sub> alkoxy, cyano, halogen, or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof,

arylalkyl having 7 to 16 carbon atoms, which is substituted one or more times by halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof,

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heteroarylalkyl wherein the heteroaryl portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, and the heteroaryl portion is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heterocycle having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof,

heterocycle-alkyl wherein the heterocycle portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, the heterocycle portion is nonaromatic and is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof, or

carbocycle which is nonaromatic, monocyclic or bicyclic, group having 5 to 14 carbon atoms, which is unsubstituted or is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof.

102. (Currently Amended): A compound according to claim 100, wherein  
 $R^2$  is alkyl having 1 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, cyano or combinations thereof, wherein one or more  $-CH_2-$  groups is each independently optionally replaced by  $-O-$ ,  $-S-$ , or  $-NH-$ , and wherein optionally one or more  $-CH_2CH_2-$  groups is replaced in each case by  $-CH=CH-$  or  $-C\equiv C-$ ,

alkoxyalkyl ~~alkyl-ether~~ having 3 to 12 carbon atoms,

cycloalkyl having 3 to 12 carbon atoms, which is unsubstituted or substituted one or more times by halogen,  $C_{1-4}$  alkyl, halogenated  $C_{1-4}$  alkyl,  $C_{1-4}$  alkoxy, cyano or combinations thereof,

cycloalkylalkyl having 4 to 12 carbon atoms, which is unsubstituted or substituted one or more times by  $C_{1-4}$  alkyl, halogenated  $C_{1-4}$  alkyl,  $C_{1-4}$  alkoxy, cyano, halogen, or combinations thereof,

aryl having 6 to 14 carbon atoms, which is unsubstituted or substituted one or more times by halogen,  $C_{1-4}$  alkyl, halogenated  $C_{1-4}$  alkyl, hydroxy,  $C_{1-4}$ -alkoxy, halogenated  $C_{1-4}$  alkoxy, nitro, methylenedioxy, ethylenedioxy, amino,  $C_{1-4}$  alkylamino, di- $C_{1-4}$ -alkylamino,  $C_{1-4}$ -hydroxyalkyl,  $C_{1-4}$ -hydroxyalkoxy, carboxy, cyano,  $-C(O)-NHOH$  hydroxamic acid,  $-C(O)-NH_2$  carboxamide,  $C_{2-4}$ -acyl,  $C_{2-4}$ -alkoxycarbonyl,  $C_{1-4}$ -alkylthio,  $C_{1-4}$ -alkylsulphinyl,  $C_{1-4}$ -alkylsulphonyl, phenoxy, or combinations thereof,

arylalkyl having 7 to 16 carbon atoms, which is substituted one or more times by halogenated  $C_{1-4}$  alkyl, hydroxy,  $C_{1-4}$ -alkoxy, halogenated  $C_{1-4}$  alkoxy, nitro, methylenedioxy, ethylenedioxy, amino,  $C_{1-4}$  alkylamino, di- $C_{1-4}$ -alkylamino,  $C_{1-4}$ -hydroxyalkyl,  $C_{1-4}$ -hydroxyalkoxy, carboxy, cyano,  $-C(O)-NHOH$  hydroxamic

~~acid, -C(O)-NH<sub>2</sub> carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof,

heteroaryl having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, ~~-C(O)-NHOH hydroxamic acid, -C(O)-NH<sub>2</sub> carboxamide~~, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heteroarylalkyl wherein the heteroaryl portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, and the heteroaryl portion is unsubstituted or substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, ~~-C(O)-NHOH hydroxamic acid, -C(O)-NH<sub>2</sub> carboxamide~~, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, or combinations thereof,

heterocycle having 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom, which is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof,

heterocycle-alkyl wherein the heterocycle portion has 5 to 10 ring atoms in which at least 1 ring atom is a heteroatom and the alkyl portion has 1 to 3 carbon atoms, the heterocycle portion is nonaromatic and is unsubstituted or is substituted one or more times by halogen, aryl, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, cyano, trifluoromethyl, nitro, oxo, amino, C<sub>1-4</sub>-alkylamino, di-C<sub>1-4</sub>-alkylamino, carboxy, alkoxycarbonyl, or combinations thereof, or

carbocycle which is nonaromatic, monocyclic or bicyclic, group having 5 to 14 carbon atoms, which is unsubstituted or is substituted one or more times by halogen, C<sub>1-4</sub> alkyl, halogenated C<sub>1-4</sub> alkyl, hydroxy, C<sub>1-4</sub>-alkoxy, halogenated C<sub>1-4</sub> alkoxy, nitro, methylenedioxy, ethylenedioxy, amino, C<sub>1-4</sub> alkylamino, di-C<sub>1-4</sub>-alkylamino, C<sub>1-4</sub>-hydroxyalkyl, C<sub>1-4</sub>-hydroxyalkoxy, carboxy, cyano, -C(O)-NHOH ~~hydroxamic acid~~, -C(O)-NH<sub>2</sub> ~~carboxamide~~, C<sub>2-4</sub>-acyl, C<sub>2-4</sub>-alkoxycarbonyl, C<sub>1-4</sub>-alkylthio, C<sub>1-4</sub>-alkylsulphinyl, C<sub>1-4</sub>-alkylsulphonyl, phenoxy, or combinations thereof.

103. (Previously Presented): A compound according to claim 1, wherein when R<sup>1</sup> is cyclopropyl, R<sup>2</sup> is not arylalkyl.

104. (Previously Presented): A compound according to claim 100, wherein when R<sup>1</sup> is cyclopropyl, R<sup>2</sup> is not arylalkyl.

105. (Previously Presented): A compound according to claim 101, wherein when R<sup>1</sup> is cyclopropyl, R<sup>2</sup> is not arylalkyl.

106. (Previously Presented): A compound according to claim 102, wherein when R<sup>1</sup> is cyclopropyl, R<sup>2</sup> is not arylalkyl.

107. (Previously Presented): A compound according to claim 1, wherein R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, or combinations thereof,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms.

108. (Previously Presented): A compound according to claim 100, wherein  
R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, or combinations thereof,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms.

109. (Previously Presented): A compound according to claim 101, wherein  
R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, or combinations thereof,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms.

110. (Previously Presented): A compound according to claim 102, wherein  
R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, or combinations thereof,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms.

111. (Previously Presented): A compound according to claim 103, wherein  
R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, or combinations thereof,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms.

112. (Previously Presented): A compound according to claim 104, wherein  
R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, or combinations thereof,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms.

113. (Previously Presented): A compound according to claim 105, wherein  
R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or

more times by halogen, hydroxy, or combinations thereof,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms.

114. (Previously Presented): A compound according to claim 106, wherein  
R<sup>1</sup> is H,

alkyl having 1 to 5 carbon atoms, which is unsubstituted or substituted one or more times by halogen, hydroxy, or combinations thereof,

cycloalkyl having 3 to 6 carbon atoms, or

cycloalkylalkyl having 4 to 7 carbon atoms.